

Proposed Revision of the Hydraulic Code Rules

Randi Thurston
Pat Chapman
Habitat Program

Overview

- Mineral prospecting
- Overwater structures
 - Freshwater Residential Docks
 - Freshwater Marinas and terminals
- Boat ramps and launches



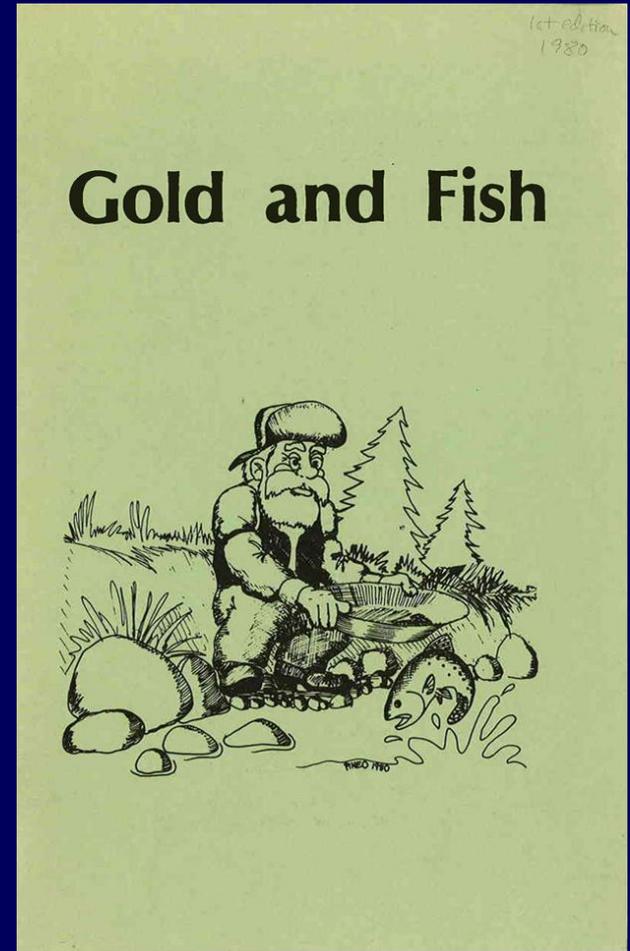
Mineral Prospecting

Excavating,
processing, or
classifying aggregate
using hand-held
mineral prospecting
tools and mineral
prospecting
equipment



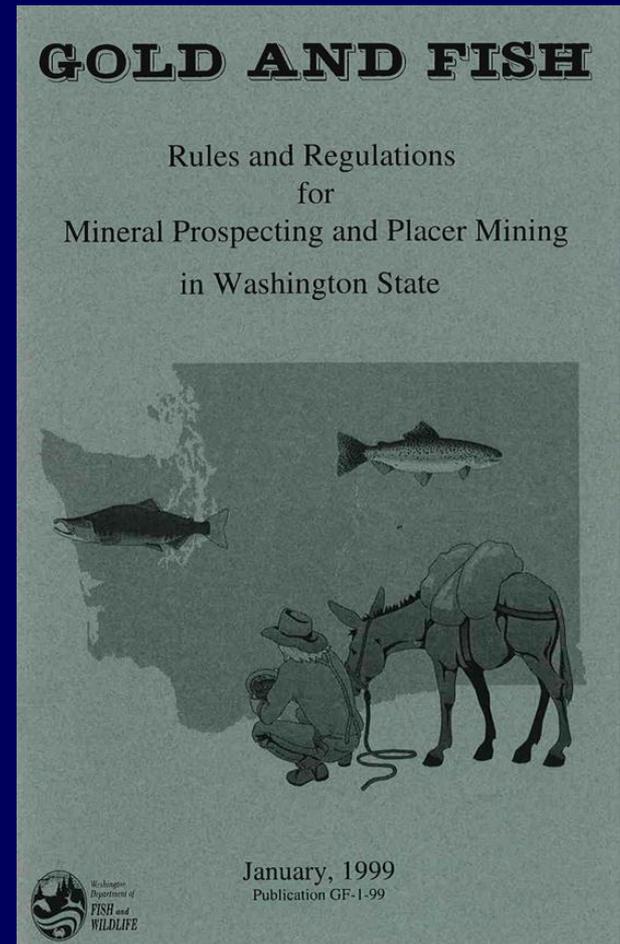
Regulatory History

- Pre-1980 – Regulated by individual HPA
- 1980 - First G&F pamphlet
- 1980-1999 Periodic revisions to G&F pamphlet issued



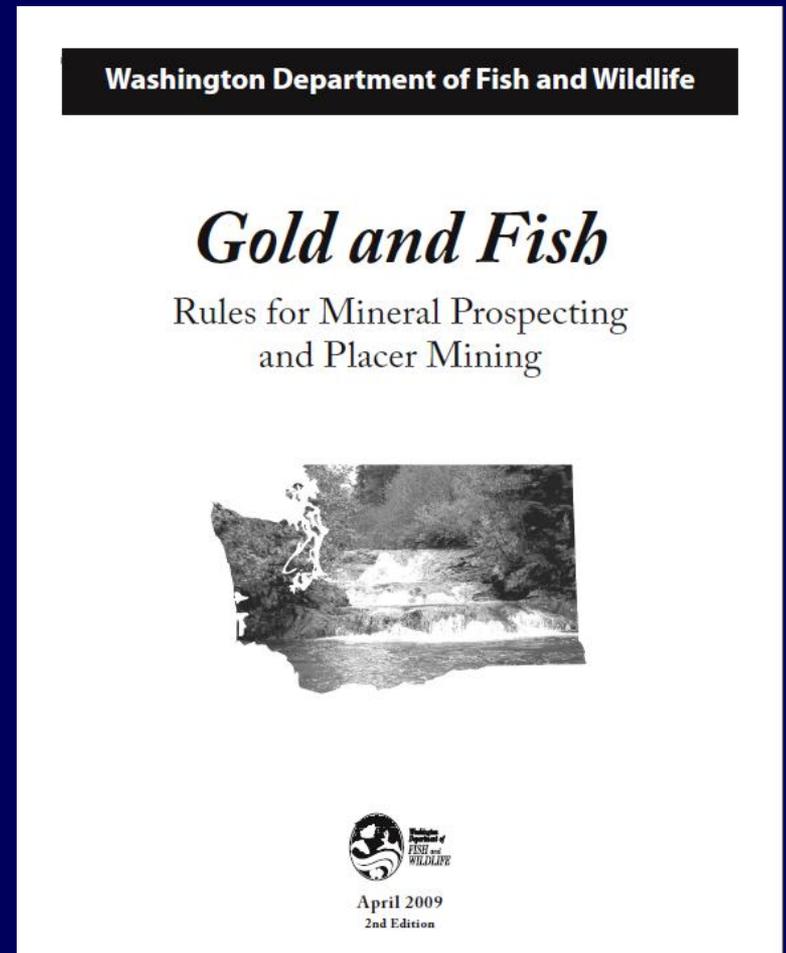
Regulatory History

- 1997 - SHB 1565 passed
- 1999 - New G&F pamphlet
- 2006 – Prospectors petition Commission for new rules
- 2007 – 2008 – Stakeholder workgroup develops rules
- 2008 – SSB 6343 requires pilot program for beach prospecting



Regulatory History

- 2009 – Commission adopts rules; Current G&F pamphlet released
- 2010 – Beach prospecting pilot program completed
- 2011 – Washington State Parks & Recreation Commission adopts rules allowing beach prospecting; WDFW begins issuing beach prospecting HPAs



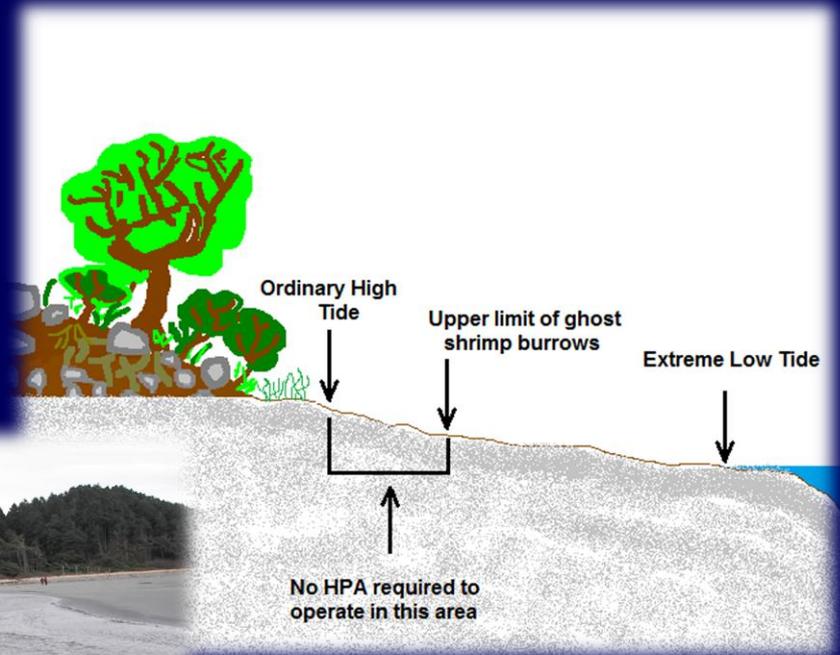
Impacts to Fish Life

- Intra-gravel life stages
- Free-swimming life stages
- Environmental productivity
- Fish passage



Proposed Rule Changes

- Work window revisions
- New beach prospecting requirements and incorporation into G&F pamphlet



Overwater Structures

Freshwater areas

- Residential docks, watercraft lifts and buoys
- Marinas and terminals



Port of Longview

Residential Overwater Structures

Overwater structures built over or float on the water

- Piers
- Ramps
- Floats
- Piling
- Watercraft lifts
- Mooring buoys



Marinas

A public or private facility providing vessel moorage space, fuel, or commercial services

- Docks
- Covered moorage
- Boathouses



Terminal

A public or private commercial wharf located in the navigable waters of the state and used, or intended to be used, as a port or facility for the storing, handling, transferring, or transporting of goods, passengers, and vehicles to and from vessels



Port of Kalama

Potential Impacts from Overwater Structures

Fish life concerns

- Shading
 - Aquatic plant growth
 - Movement and feeding behavior
 - Predation
- Sound waves
 - Pile driving
- Water quality
 - Treated wood



Rules for Overwater Structures

Provisions

- Limit nearshore over and in-water coverage
- Limit use of treated wood
- Avoid need for dredging
- Reduce pile driving noise impacts



Boat Ramps and Launches in Freshwater Areas

Graded slopes, slabs, pads, planks, or rails used for launching boats by means of a trailer, hand, or mechanical device



Lake Sutherland WDFW Access

Potential Impacts from Boat Ramps and Launches

Fish life concerns

- Loss of streambed habitat
- Blockage of wood and sediment movement
- Alteration of juvenile fish migration



Rules for Boat Ramps and Launches

New Provisions

- Avoid fish spawning areas
- Design to minimize interference to wood and sediment movement
- Design boarding floats to minimize grounding



Douglas County Public Utilities District

February Meeting

Sections

- Culverts, bridges and fords
- Fish passage improvement structures
- Beaver dam management



Contact Information

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